

| INFORMATION DISCLOSURE CITATION<br><i>(Use several sheets if necessary)</i>   |                 |  |            | Docket Number (Optional)<br>29288.080   |          | Application Number<br>09/856,847 #3 |   |  |
|---|-----------------|--|------------|---|----------|-------------------------------------|---|--|
|   |                 |  |            | Applicant(s)<br>Akihiro ODAGAWA, et al. |          | Filing Date<br>May 25, 2001         |   | Group Art Unit<br>To be assigned       |
| U.S. PATENT DOCUMENTS   |                 |  |            |   |          |                                     |   |  |
| *EXAMINER INITIAL   | REF             | DOCUMENT NUMBER  | DATE       | NAME                                    | CLASS    | SUBCLASS                            | FILING DATE IF APPROPRIATE              |  |
| HN  | A               | 5,448,515  | 09/05/1995 | Fukami, et al.                          | 365      | 171                                 | —                                       |  |
|   |                 |  |            |   |          |                                     |   |  |
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| FOREIGN PATENT DOCUMENTS  |                 |  |            |   |          |                                     |   |  |
| REF   | DOCUMENT NUMBER | DATE   | COUNTRY    | CLASS                                   | SUBCLASS | Translation                         |   |  |
| HN  | B               | 6-73526  | 03/15/1994 | Japan                                   | —        | —                                   | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| HN  | C               | EP 0 959 475 A2  | 11/24/1999 | EPO                                     | —        | —                                   | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| HN  | D               | EP 0 844 679 A1  | 05/27/1998 | EPO                                     | —        | —                                   | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| HN  | E               | WO 97/39488  | 10/23/1997 | PCT                                     | —        | —                                   | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
|   |                 |  |            |   |          |                                     |   |  |
| OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> |                 |  |            |   |          |                                     |   |  |
| HN  | F               | "Quaternary Giant Magnetoresistance Random Access Memory", Zhigang Wang and Yoshihisa Nakamura, Research Institute of Electrical Communication, Tohoku University, Sendai 980, Japan - J. Appl. Phys. 79 (8), 15 April 1996, pp. 6639-6641 |            |   |          |                                     |   |  |
|   |                 |  |            |   |          |                                     |   |  |
| EXAMINER  |                 |  |            | DATE CONSIDERED                         |          |                                     |   |  |
| Hien Nguyen   |                 |  |            | 10/8/03                                 |          |                                     |   |  |

**Form PTO-A820  
(also form PTO-1449)**

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